Melvin Kra

Name

Signature

PTO/SB/05 (03-01) Approved for use through 10/31/2002. CMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid QMB control number. Attorney Docket No. 501.42822X00 UTILITY First Inventor PATENT APPLICATION ISHIGE, NOBUYUKI TRANSMITTAL LIQUID CRYSTAL DISPLAY DEVICE (Only for new popularisismal applications under 37 CFR 1.53(b)) Express Mail Label No. APPLICATION FLEMENTS Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231 SEE MPEP chapter 600 concerning utility patent application contents 1. 🛛 Fee Transmittal Form (e.g., PTO/SB/17) 7. CD-ROM or CD-R in duplicate, large table or nt an original and a duplicate Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission 2. Applicant claims small entity status. fif applicable, all necessary) See 37 CFR 1 27 a. Computer Readable Form (CRF) b. Specification Sequence Listing on: з. 🔯 Specification (Total Pages: 36) i. . D CD-ROM or CD-R (2 copies); or -Descriptive title of the invention -Cross Reference to Related Applications ii. . 🛘 paper -Statement Regarding Fed sponsored R & D -Reference to sequence listing, a table, c. Statements verifying identity of above copies or a computer program listing appendix -Background of the Invention ACCOMPANYING APPLICATION PARTS -Brief Summary of the Invention -Brief Description of the Drawings (if filed) -Detailed Description 9. Assignment Papers (cover sheet & documents(s)) Claim(e) -Abstract of the Disclosure 10 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee) 4. Drawing(s) (35 U.S.C. 113) (Total Pages: 15) 11. l English Translation Document (if applicable) 5. Oath or Declaration [Total Pages: 4] Copies of IDS Citations 12. Information Disclosure Newly executed (original or copy) Statement (IDS)/PTO-1449 b. Copy from a prior application (37 CFR 1.63 (d)) Preliminary Amendment w/ Substitute Specification (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) (Should be specifically itemized) i. DELETION OF INVENTOR(S) Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR (if foreign priority is claimed) 16. Nonpublication Request under 35 U.S.C. 122 1.63(d)(2) and 1.33(b) (b)(2)(B)(i). Applicant must attach form PTO/SB/35 Application Data Sheet. See 37 CFR 1.76 or its acuivalent Other: Credit Card Payment Form, Figs. 1-20 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) of prior application No.: Continuation Divisional Prior application information: Examiner: Group Art Unit: . For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 020457 or Correspondence address below Customer Number or Bar Code Label (insert Customer No. or Attach bar code label here). Name ANTONELLI, TERRY, STOUT & KRAUS, LLP Address State Zio City Code Country Telephone (703) 312-6600 Fax (703) 312-6666 22,466

Burden Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FFFS OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Registration No. (Attorney/Agent)

Date

July 15, 2003

PTO/SB/17 (01-03)

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Fatent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL							Complete if Known					
	HINDINII	- 7	Application Number									
1	FY 2003	F	Filing Date		July 15, 200	July 15, 2003						
ł	F 1 2003	F	First Named In			ISHIGE, NO	ISHIGE, NOBUYUKI					
Effecti	atent fees are subject	η. Ε	xamin	er Nan	ne							
C Ameliana	antibuotatua Con 2		Art Unit									
Applicant claims small entity status. See 37 CFR 1.27						Attorney Docket No. 501.42822X00						
TOTAL AMOUNT OF PAYMENT (\$) 790.00												
MET	IENT (check all tha	_	FEE CALCULATION (continued)									
☐ Check 🛭	loney Order 🔲 Other	3. A	DDITIC	DNAL F								
Deposit Ac			Large Entity		Small Entity							
						Fee	Fee Code	Fee	Fee Descrip	tion	Fee Paid	
Deposit Account Number 01-2135						1.7		(\$)	•		reeraiu	
Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP						130	2051		Surcharge - late filing	-		
The Commissioner authorized to: (check all that apply) ☐ Charge fees indicated below ☐ Credit any overpayments ☐ Charge any additional fee(s) during the pendency of this						50	2052		Surcharge – late prov cover sheet	-		
application						130	1053			n-English specification		
Charge fees indicated below, except for the filing fee						2,520	1812			filing a request for ex parte reexamination		
to the above-identified deposit account.						920*	1804	920*	Requesting publication Examination action	on or SIR prior to		
FEE CALCULATION 1. BASIC FILING FEE						1,840*	1805	1,840	Requesting publication	questing publication of SIR after action		
	ntity Sn	nall Entity e Fee	y Fee Description		1251	110	2251	55	Extension for reply w	ithin first month		
		de (\$)	ree Description	Fee Paid	1252	410	2252	205	Extension for reply w	ithin second mon	th	
1001 7	750 20	01 375	Utility filing fee	750	1253	930	2253	465	Extension for reply w	ithin third month		
			Design filing fee	 	1254	1,450	2254		Extension for reply w		ı	
	520 20		Plant filing fee		1255	1,970	2255		Extension for reply w	ithin fifth month		
		04 375	Reissue filing fee		1401	320	2401		Notice of Appeal			
1005 1	160 20	05 80	Provisional filing fee	 	1402 1403	320	2402		Filing a brief in support			
SUBTOTAL (1) 750						280	2403		Request for oral hear	quest for oral hearing tition to institute a public use proceeding		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE						1,510	1451 2452				aing	
			Fee from		1452	110		•••	Petition to revive u			
		Extra Ci	aims below	Fee Paid	1453	1,300	2453 2501		Petition to revive - u Utility issue fee (or re			
Total Claims		90** = 0	x 0.00 =	0.00	1502	470	2502		Design issue fee	mssue)		
Indep. Claims	3 -3	** = 0	x 0.00 =	0.00	1502	630	2502		Plant issue fee			
	adom)		0.00 =	0.00	1406	130	1460		Petitions to the Com	miesioner		
Multiple Dependent 0.00 ± 0.00					1807	50	1807			ocessing fee under 37 CFR 1.17(q)		
Large	Entity	Small			1806	180	1806		Submission of Inform		Stmt	
Fee Fee Code (\$)	Code	Fee (\$)	Fee Description		8021	40	8021	40	Recording each pate property (times numb	nt assignment pe	ır	
1202 18 1201 84	2202	9 42	Claims in excess of 2 Independent claims in		1809	750	2809	375	Filing a submission a (37 CFR § 1.129(a))			
1203 280		140	Multiple dependent cla		1810	750	2810	375	For each additional in examined (37 CFR §			
1204 84	2204	42	** Reissue independer	t claims	1801	750	2801	375	Request for Continue		RCE)	
1			over original patent		1802	900	1802	900	Request for expedite	d examination		
1205 18	18 2205 9 ** Reissue claims in excess of 20 and over original patent		Other	of a design application Other fee (specify)								
1	SUBTOTAL (2) \$	1										
**or number p	reater; For Reissues, se	*Red	Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00									
SUBMITTED	вү				Complete (if applicable)							
						ation No ey/Agen			22,466	Telephone	703-312-6600	
Signature Gul Run										Date	07/15/2003	
gnaturo		_	TANK TANK				_					

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PIO-03038.

This collection of Information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USFTO) process) an application. Confidentiative is governed by 35 U.S. C.12 and 37 CFR 1.14. This collection is estimated to lake 12 minutes to complete, including gathering, preparing, and submitting the competed application from to the USFTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing fibis burden, should be sent to the information Officer. U.S. Patent and Tademark Office, U.S. Department of Commerce. Washington, D.C 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissions for Patents, Washington, D.C 20231.